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PTO/SB/50 (02-01)  
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## REISSUE PATENT APPLICATION TRANSMITTAL

<b>Address to:</b>  <b>Assistant Commissioner for Patents</b> <b>Box Reissue</b> <b>Washington, DC 20231</b>	Attorney Docket No.	501.39180RC2
	First Named Inventor	K. IKAWA, et al
	Original Patent Number	5,834,922
	Original Patent Issue Date (Month/Day/Year)	Nov. 10, 1998
	Express Mail Label No.	

**APPLICATION FOR REISSUE OF:** ☒ Utility Patent ☐ Design Patent ☐ Plant Patent  
(Check applicable box) Continuation of U.S. Application Serial No. 097708,562

APPLICATION ELEMENTS (37 CFR 1.173)	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (PTO/SB/ 56) (Submit an original, and a duplicate for fee processing)	10. <input checked="" type="checkbox"/> Statement of status and support for all changes to the claims. See 37 CFR 1.173 (c).
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	11. <input type="checkbox"/> Original U.S. Patent for surrender
3. <input checked="" type="checkbox"/> Specification and Claims in double column copy of patent format (amended, if appropriate)	<input type="checkbox"/> Ribbonded Original Patent Grant
4. <input checked="" type="checkbox"/> Drawing(s) (proposed amendments, if appropriate)	<input type="checkbox"/> Statement of Loss (PTO/SB/55)
5. <input checked="" type="checkbox"/> Reissue Oath/Declaration (original or copy) (37 C.F.R. § 1.175) (PTO/SB/51 or 52)	12. <input checked="" type="checkbox"/> Foreign Priority Claim (35 U.S.C. 119) (if applicable)
6. <input checked="" type="checkbox"/> Power of Attorney	13. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
7. Original U.S. Patent currently assigned? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If Yes, check applicable box(es))	14. <input type="checkbox"/> English Translation of Reissue Oath/Declaration (if applicable)
<input checked="" type="checkbox"/> Written Consent of all Assignees (PTO/SB/53)	15. <input checked="" type="checkbox"/> Preliminary Amendment
<input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (PTO/SB/96)	16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
8. <input type="checkbox"/> CD-ROM or CD-R in duplicate. Computer Program (Appendix) or large table	17. Other: <b>Statement Concerning of Surrender of Original U.S. Patent 5,834,922 Credit Card Payment Form</b>
9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all of the following are necessary)	
a. <input type="checkbox"/> Computer Readable Form (CFR)	
b. Specification Sequence Listing on:	
i. <input type="checkbox"/> CD-ROM (2 copies) or CD-R (2 copies); or	
ii. <input type="checkbox"/> paper	
c. <input type="checkbox"/> Statements verifying identity of above copies	

### 18. CORRESPONDENCE ADDRESS

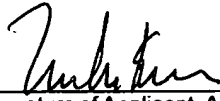
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NAME (Print/Type)	Meilyn Kraus	Registration No. (Attorney/Agent)	22,466
Signature	<i>Meilyn Kraus</i>	Date	Mar. 6, 2002

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11002 U.S. PTO  
10/090737  
03/06/02

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REISSUE APPLICATION FEE TRANSMITTAL FORM						Docket Number (Optional) 501.39180RC2		
Claims as Filed - Part 1								
Claims in Patent		Number Filed in Reissue Application	(3) Number Extra	Small Entity		Other than a Small Entity		
				Rate	Fee	Rate	Fee	
(A) 31	Total Claims (37 CFR 1.16(j))	(B) 35	****4 =	x \$ _____ =		or	x \$18 = \$ 72.00	
(C) 6	Independent claims (37 CFR 1.16(i))	(D) 7	. 1 =	x \$ _____ =			x \$84 = 84.00	
Basic Fee (37 CFR 1.16(h))						\$ _____	\$740.00	
Total Filing Fee						\$ _____	OR \$896.00	
Claims as Amended - Part 2								
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Extra Claims Present	Small Entity		Other than a Small Entity	
					Rate	Fee	Rate	Fee
Total Claims (37 CFR 1.16(j))	***	MINUS	**	=	x \$ _____ =		x \$ _____ =	
Independent Claims (37 CFR 1.16(i))	***	MINUS	*****	=	x \$ _____ =		x \$ _____ =	
Total Additional Fee						\$ _____	OR \$ _____	
<p>* If the entry in (D) is less than the entry in (C), Write "0" in column 3.</p> <p>** If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space.</p> <p>*** After any cancellation of claims.</p> <p>**** If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20).</p> <p>***** "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____. A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. <u>01-2135</u>. A duplicate copy of this sheet is enclosed.</p> <p><input type="checkbox"/> A check in the amount of \$ _____ to cover the filing / additional fee is enclosed.</p> <p><input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p style="text-align: center;"><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p>								
<u>3/6/02</u> Date				 Signature of Applicant, Attorney or Agent of Record <u>Melvin Kraus, Reg. No. 22,466</u> Typed or printed name				

501.39180RC2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): K. IKAWA, et al

Serial No.: (not yet assigned)

Filed: March 6, 2002

For: SECONDARY BATTERY POWER STORAGE SYSTEM

Continuation of Reissue Application of Serial  
No. 09/708,562, which is a Reissue of U.S.  
Patent No. 5,384,922

#3  
Letter  
C. Hiden  
5-2202

STATEMENT CONCERNING OF SURRENDER OF  
ORIGINAL U.S. PATENT NO. 5,834,922

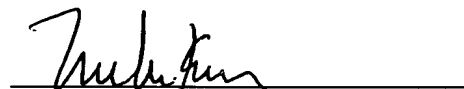
Commissioner for Patents  
Washington, D.C. 20231

March 6, 2002

Sir:

Applicants note that Original Letters Patent, U.S. Patent  
No. 5,834,922 has been surrendered on October 22, 2001, in  
connection with the parent reissue application Serial No.  
09/708,562. Accordingly, further surrender of such patent is  
not possible in this application.

Respectfully submitted,



Melvin Kraus  
Registration No. 22,466  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

MK/cee  
(703) 312-6600

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<b>REISSUE APPLICATION BY THE INVENTOR, OFFER TO SURRENDER PATENT</b>		<b>Docket Number (Optional)</b> 501.39180R00
This is part of the application for a reissue patent based on the original patent identified below.		
<b>Name of Patentee(s)</b> Kyoko IKAWA and Tatsuo HORIBA		
<b>Patent Number</b> 5,834,922	<b>Date Patent Issued</b> November 10, 1998	
<b>Title of invention</b> SECONDARY BATTERY POWER STORAGE SYSTEM		
I am the inventor of the original patent. I offer to surrender the original patent. 1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b). 2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made. One of boxes 1 or 2 above must be checked. The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.		
<b>Signature</b> <i>Kyoko Ikawa</i>	<b>Date</b> 11/2/2000	
<b>Typed or printed name</b> Kyoko IKAWA		
The assignee owning an undivided interest in said original patent is <u>HITACHI, LTD.</u> , and the assignee consents to the accompanying application for reissue.		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.		
<b>Name of assignee</b> HITACHI, LTD.		
<b>Signature of person signing for assignee</b> <i>Yasuo Sakuta</i>	<b>Date</b> NOV 13, 2000	
<b>Typed or printed name and title of person signing for assignee</b> Mr. Yasuo Sakuta Executive Managing Director, Hitachi, Ltd.		

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501.39180RC2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): K. IKAWA, et al

Serial No.: (not yet assigned)

Filed: March 6, 2002

For: SECONDARY BATTERY POWER STORAGE SYSTEM

Continuation of Reissue Application of Serial  
No. 09/708,562, which is a Reissue Application  
of U.S. Patent No. 5,384,922

*#9  
Reissue Status  
of Claims  
1-31  
5-22-02*

STATUS OF CLAIMS AND SUPPORT FOR CLAIM CHANGES

Commissioner for Patents  
Washington, D.C. 20231

March 6, 2002

Sir:

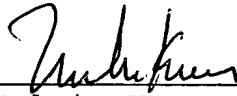
Pursuant to the requirements of 37 CFR 1.173(c), the following sets forth the status of the claims of U.S. Patent No. 6,034,507 in the above-identified reissue application. Patent claims 1-31 remain pending with new claims 32-35 having been presented, and pending in this application.

It is respectfully submitted that newly added claims 32-35 are supported in the specification of this application, in that claims 32 and 33 which depend directly or indirectly from claim 31 of the original patent, recite the feature that the power system includes a power system of a vehicle and that the vehicle is an automobile, respectively, which features are supported in U.S. Patent No. 5,384,922, for example, at col. 1, lines 9-16, more particularly, col. 1 line 15, as well as

col. 4, lines 56 and 57, col. 6, lines 62-64 and col. 9, lines 55-61. Likewise, Figs. 1-4 and the corresponding description of the U.S. Patent No. 5,384,922 support the recited features of claim 34.

Please charge any shortage in the fees due in connection with the filing of this paper, to Deposit Account No. 01-2135 (501.39180RC2) and please credit any excess fees to such deposit account.

Respectfully submitted,



Melvin Kraus

Registration No. 22,466

ANTONELLI, TERRY, STOUT & KRAUS, LLP

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(703) 312-6600

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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: HITACHI, LTD.

Application No./Patent No.: 5,834,922 Filed/Issue Date: November 10, 1998

Entitled: SECONDARY BATTERY POWER STORAGE SYSTEM

HITACHI, LTD.

(Name of Assignee)

, a

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7298, Frame 0024, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Nov. 2, 2000

Date

Yasuo Sakuta

Signature

Mr. Yasuo Sakuta

Typed or printed name

Executive Managing Director, Hitachi, Ltd.

Title